

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/647,930
Filing Date	08/26/2003
First Named Inventor	Steven Davis
Art Unit	3712
Examiner Name	B. Miller
Attorney Docket Number	4004004.0033

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BDM		US- 6616094	09/09/2003	Illingworth	
		US- 6550715	04/22/2003	Reynolds et al.	
		US- 6450446	09/17/2002	Holdben	
		US- 5672086	09/30/1997	Dixon	
		US- 5634839	06/03/1997	Dixon	
		US- 5362065	11/08/1994	Su	
		US- 5071383	12/10/1991	Knoshita	
		US- 4313512	02/02/1982	Jutras	
		US- 4249334	02/10/1981	Goldfarb et al.	
		US- 4065873	01/03/1978	Jones	
		US- 3104853	09/24/1963	Klein	
		US- 2949693	08/23/1960	McRoskey	
		US- 0693328	02/11/1902	Morgan	
		US- D261538	10/27/1981	Sides	
		US- D253525	11/27/1979	Wilson	
		US- D213708	04/01/1969	Blumenthal	
		US- D211104	05/21/1968	Steadman	
		US- D210791	04/16/1968	Tally et al.	
		US- D209763	01/02/1968	Mueller	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Bere B. Miller

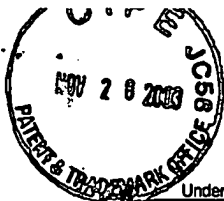
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Examiner Name	B. Miller
Attorney Docket Number	4004004.0031

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		Number-Kind Code ² (if known)			
bmv		US- D172112	05/04/1954	Shoemaker	
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		US- 20030111575	06/19/2003	Rehkemper et al.	
		US- 20020142699	10/03/2002	Davis	
		US- 20020104921	08/08/2002	Louvel	
↓		US- 20010024923	09/27/2001	Streit	
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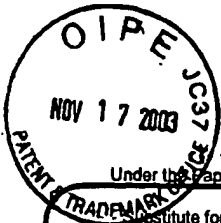
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	<i>Kara B. Miller</i>	Date Considered	07/29/04
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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0851-0031

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Application Number	10/647,930
Filing Date	8/26/2003
First Named Inventor	Davis, Steven
Art Unit	3712
Examiner Name	B. M. Allen
Attorney Docket Number	4004004.0031

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BMA		US- 5071383	12/10/1991	Kinoshita	
		US- 5492494	02/20/1996	Keennon	
		US- 5672086	09/20/1997	Dixon	
		US- 5297759	03/29/1994	Tilbor et al.	
		US- 6457670	10/1/2002	Geranio et al.	
		US- 6604706	08/12/2003	Bostan	
		US- 6428381	08/06/2002	Stern	
		US- 4065873	01/03/1978	Jones	
		US- 6513752	02/04/2003	Carter, Jr.	
		US- 6398159	06/04/2002	Di Stefano	
		US- 6182923	02/06/2001	Weinhart	
		US- 5429542	07/04/1995	Britt, Jr.	
		US- 5080624	01/14/1992	Brinker	
		US- 4184654	01/22/1980	Herrera	
		US- 3568358	03/09/1971	Bruce	
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		US-			
		US-			
		US-			

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
BMA		JP - 03-289984	12/19/1991	Endo Yoichi		
		JP - 01-201294	08/14/1989	Keyence Corp		
		WO-01-87446	11/22/2001	Louvel, Phillip		

Examiner Signature	<i>Bernard B. Allen</i>	Date Considered	07/29/04
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				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Masami Miyawaki
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	2309/0N001US0

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h/b	BA	JP-09-156644-A1	06-17-1997	Hiroshi Ishihara		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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Examiner Signature	<i>Bera n/c</i>	Date Considered	08/02/04
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